PEO IEW&S Brief to APBI

May 31, 2007

Program Executive Office, Intelligence, Electronic Warfare & Sensors

Christian Keller - DPE

Agenda

- PEO Overview
- APBI Programs
  - FLTS
  - ACS
  - HUMINT Tools
- Wrap Up

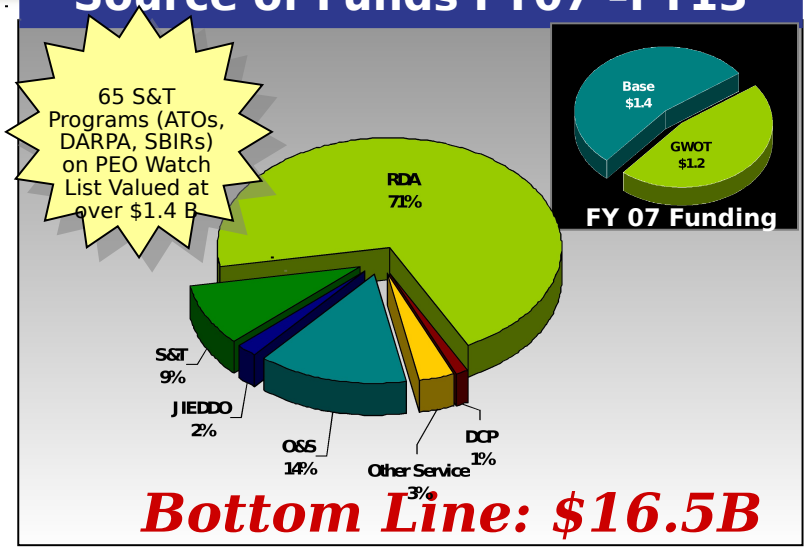
PEO Mission Priorities

- **Fielding is Job #1**
  - **Schedule… Schedule… Schedule…**
  - **“Good Enuf” & Spiral Development**
  - **Support the Warfighter**
- **Acquisition Management Integrity**
- **Support & Sustain Current to Future Force**
  - **Support to ARFORGEN**
  - **Support to FCS**
  - **Creating Program Interdependencies**
- **Calculated & Systematic Business Practices**
  - **Business Transformation via Lean Six Sigma**
- **Effective Management Controls are Operational & Part of Organizational Climate**
- **Measure and Report Status**
- **Keep Chain of Command Informed**

Who We Are

Programs and Dollars

Source of Funds FY07 –FY13



Bottom Line: $16.5B

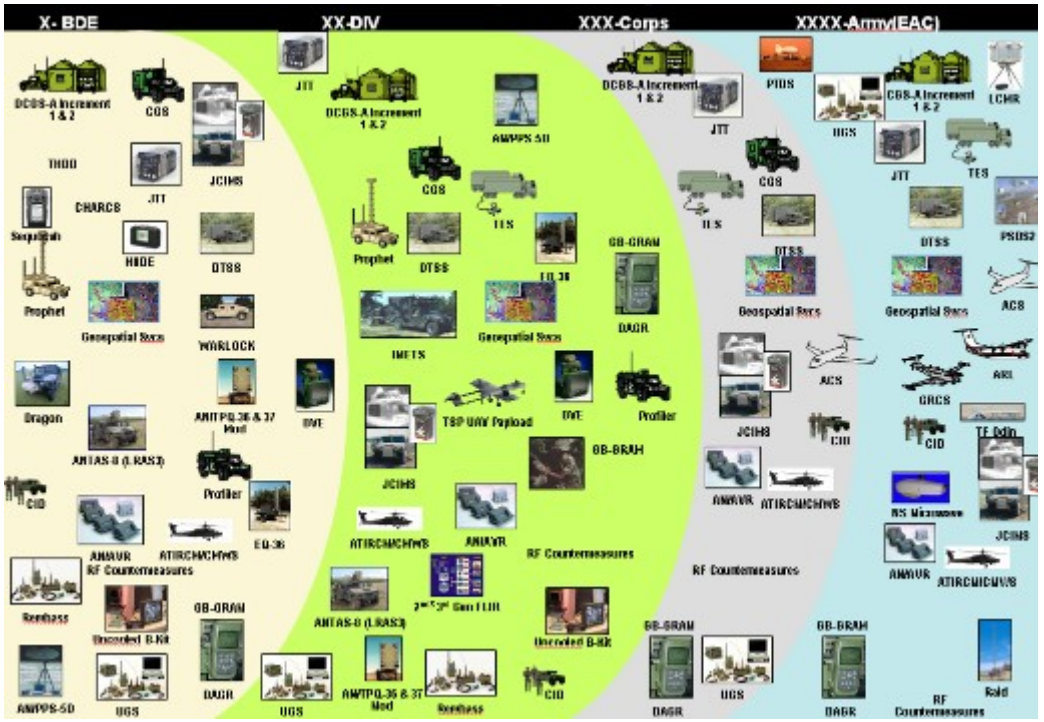
Key Program Metrics

62 Programs:

Product Phases*:

	Pre-MS Decision	12
A	Systems Development & Demonstration	10
C		
A	Production & Deployment	26
T		
I	Operations & Support	32
	Classified	6
1		

**Some program in multiple phases*



PEO IEW&S Organization 07

Program Executive Office

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DCGS V(3)

No Photo Available

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DCGS-A

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RUS

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FLIR

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Signals Warfare

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CREW

No Photo Available

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Prophet

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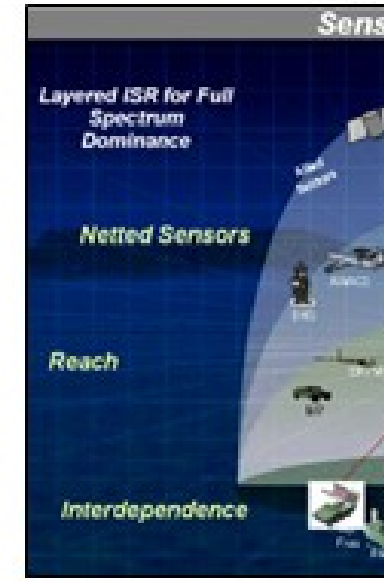
PEO-EIS — CECOM — PEO-C3T — PEO-IEW&S — CERDEC

COMMUNICATIONS-ELECTRONICS LIFECYCLE MANAGEMENT COMMAND

What We Do

What's Different: Pervasive & Persistent ISR/T

Netted & Layered



Temporal Patterns

Body Tells

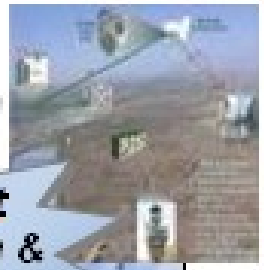
At Least 1 Sensor on Target Always... No 1 Sensor System Does it ALL!

PEO-EIS — CECOM — PEO-C3T — PEO-IEW&S — CERDEC

COMMUNICATIONS-ELECTRONICS LIFECYCLE MANAGEMENT COMMAND

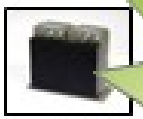
Response to GWOT Lessons

Survivability

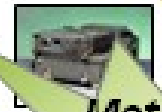


Multi-Int Collection & Fusion

W-ICE



W-RED



Method of Attack/ Survivability

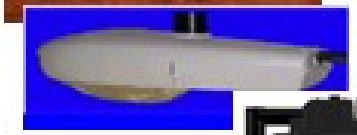
MMBJ

W-88VJ

W-BLUE

W-DUKE (CREW-2)

Tactical Responsiveness



Sensor Availability

Analytics at Lower Levels

EW Needs

HUMINT Collection

Value of Direct Comms

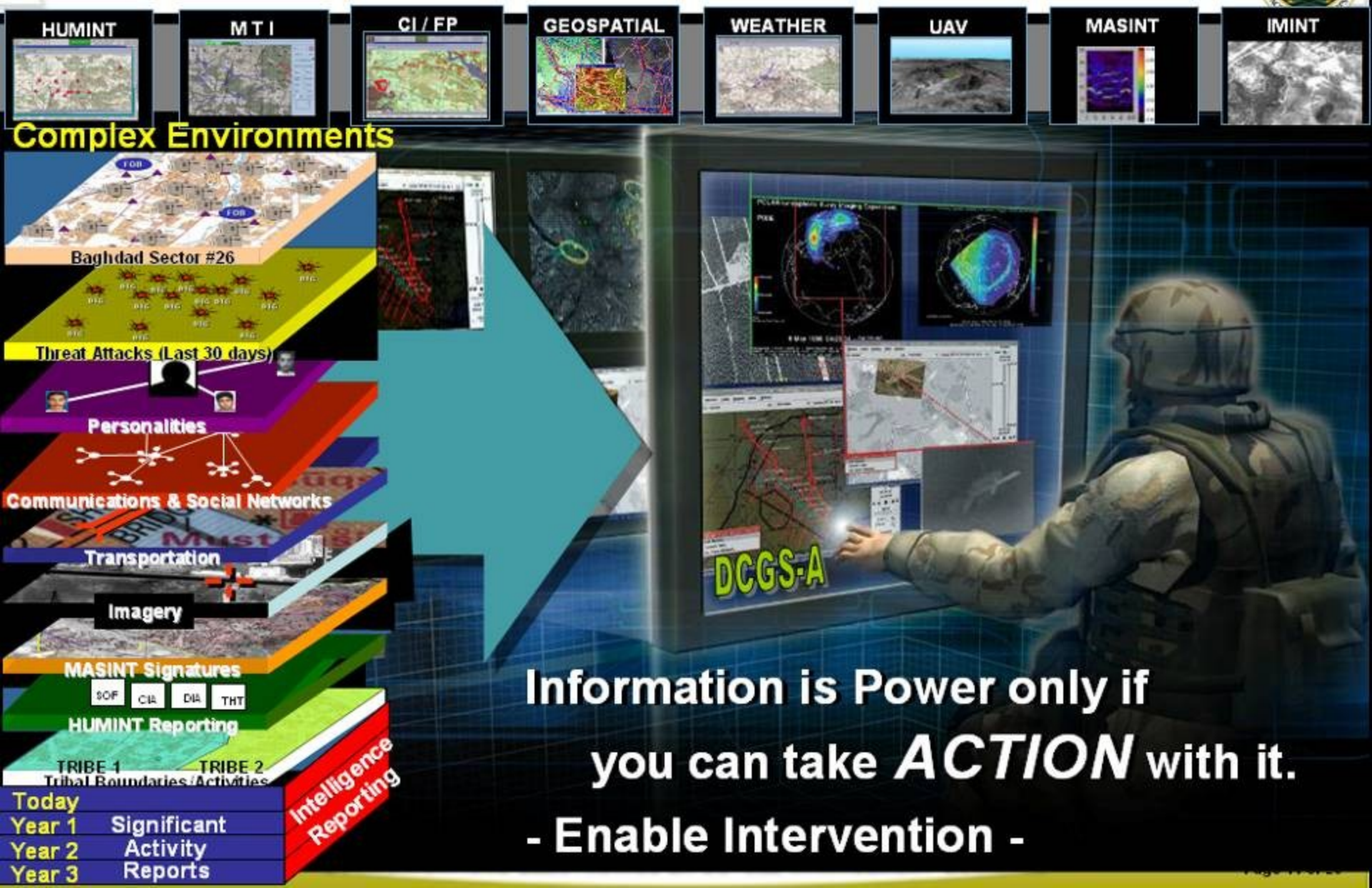
Sensing… More Thinking, Not Necessarily More Hardware

- **Focusing on Enemy Intent Instead of Capability**
- **Better Exploitation of Existing Knowledge**
  - **Civil and Non-Government Agencies**
  - **Indigenous Sources**
  - **Cultural, Social and Religious Factors**
- **New Paradigms for "Sensor Signatures"**
- **New Paradigms for "Sensor Fusion"**
- **Create Temporal Standoff Support**

We Need to Look for IED Makers & Support Systems, Not IEDs

- We are at Last Line of Defense & Need to Move Left -

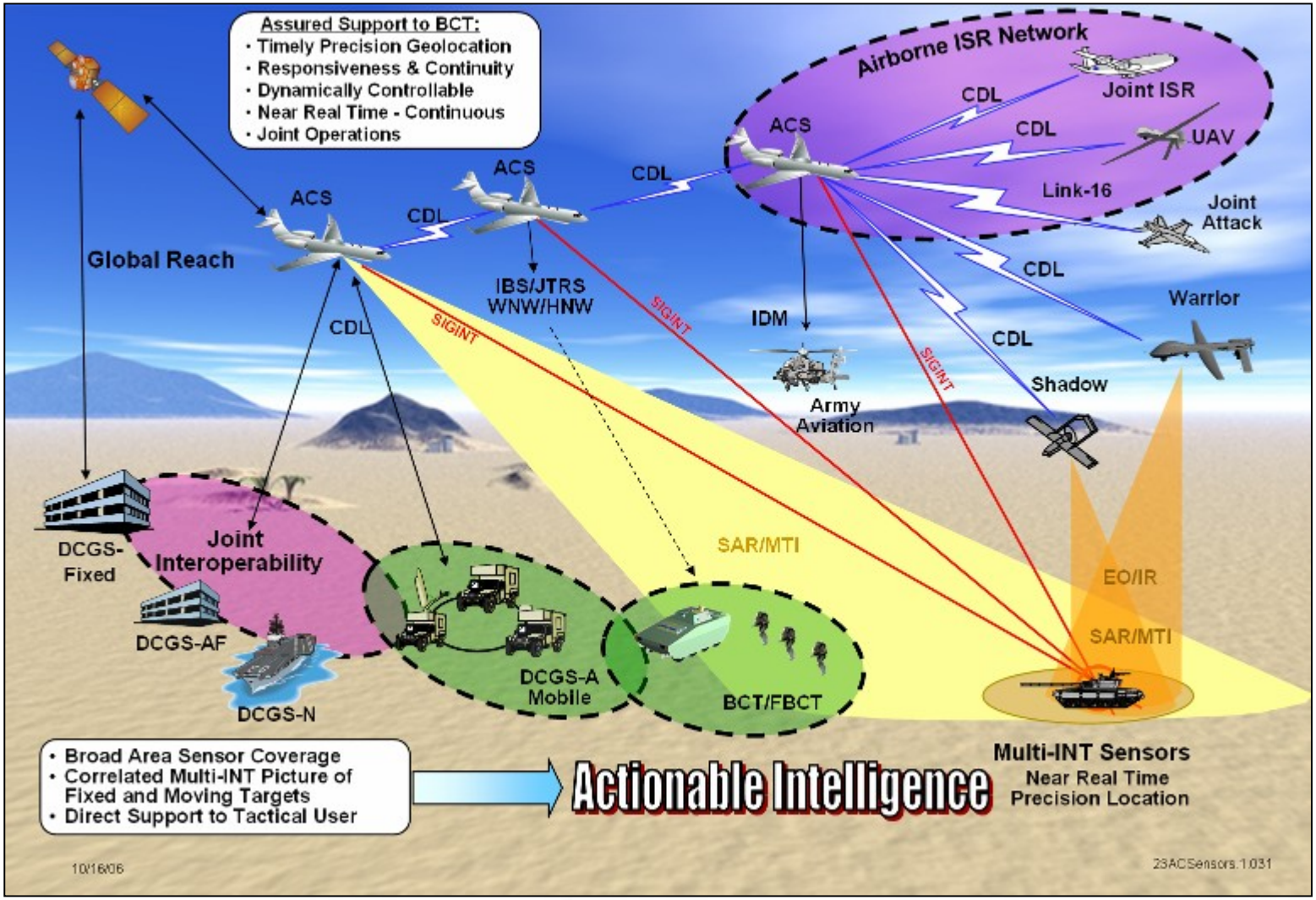
Tomorrow: Fusion… Integration… Understanding… Memory



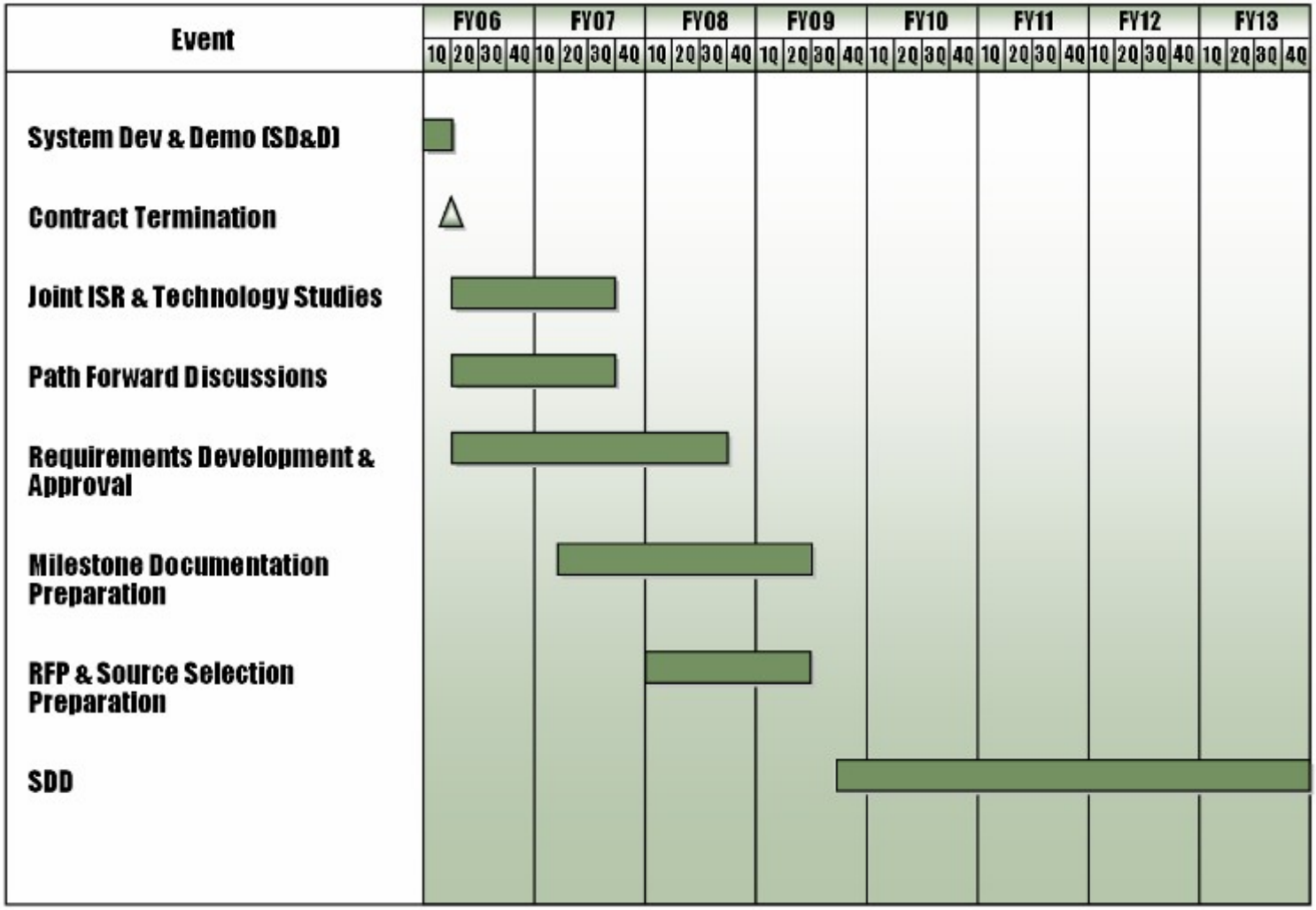
APBI Programs

Aerial Common Sensors (ACS)

ACS Operational Concept



Schedule (Tentative)



Contract Title

- **Objective:** Develop, Produce, and Field the Army's Objective Airborne ISR System
- **Contract Type:** SDD-CP; PROD-FP
- **Estimated Value:** >$1B (SDD)
- **Key Milestones:** Planned FY09 - SDD Contract Award
- **Technical Contact:** Jeff Burke; 732-532-6533
- **Acquisition Contact:** Sharon Wilson-Emmons; 732-532-4964
- **Solicitation #:** TBD or RFQ #

Sequoyah - Foreign Language Translation System (S-FLTS)

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- **Sequoyah is a family of products that provides machine language translation of speech, text and media broadcasts from the language of interest to English**
- **Sequoyah products will integrate into existing systems and provide stand alone configurations where required**
- **Sequoyah complements the available linguists and enables non-linguists, regardless of mission, to interact and be productive at basic levels with a broader cross section of the local national population**
- **Sequoyah is focused primarily on low level linguistic tasks and basic communication and interaction requirements**
- **Other Buzz Words used:**
  - Machine Foreign Language Translation System (MFLTS)
  - Sequoyah Foreign Language Translation System (SFLTS)
  - Machine Language Translation (MLT)
  - Machine Translators/Translation (MT)
  - Translators

Language Priorities
"Approved Department of Defense Strategic Language List for FY07"

Immediate Investment Languages

- Arabic [1]
- Chinese [2]
- French
- Hindi [3]
- Indonesian [4]
- Japanese
- Korean
- Pashto [5]
- Persian-Afghan (Dari)
- Persian-Iranian (Farsi)
- Portuguese
- Punjabi
- Russian
- Spanish
- Turkish [6]
- Urdu

Stronghold Languages

- Azerbaijani
- Bengali
- Cambodian
- Hausa [7]
- Kazakh
- Kurdish
- Malay
- Serbo-Croatian
- Swahili
- Tagalog
- Thai
- Uighur
- Uzbek
- Vietnamese

[1]: Includes Modern Standard Arabic, Algerian, Egyptian, Gulf, Iraqi & Levantine dialects

Foreign Language Translation System

- **OBJECTIVE: LRIP and Production for Sequoyah FLTS**
  - Continued Integration of additional languages to support operations worldwide
- **CONTRACT TYPE: TBD**
- **ESTIMATED VALUE: TBD**
- **KEY MILESTONES:**
  - Request for Information: 18 May 07
  - Final Solicitation Release: TBD
- **TECHNICAL CONTACT: Mr. Bruce Testa, (732) 427-5887**
- **ACQUISITION CONTACT: Kathleen Rizzo, (732) 427-1497**
- **SOLICITATION #OR RFQ #: TBD**

Counterintelligence/Human Intelligence Automated Reporting And Collection Sensors (CHARCS)

CHARCS

- **OBJECTIVE: Software development and integration for next generation (Increment 2) CI and HUMINT collection and reporting tools.**
- **CONTRACT TYPE: T&M**
- **ESTIMATED VALUE: Est. $8M-$10M**
- **KEY MILESTONES: Milestone B anticipated 4QFY08.**
- **TECHNICAL CONTACT: Mr. Kevin Toohey (Pd CHARCS) (703) 704-0276.**
- **ACQUISITION CONTACT: Same.**
- **SOLICITATION # OR RFQ #: TBD**

COUNTERINTELLIGENCE/HUMAN INTELLIGENCE AUTOMATED TOOL SET (CHATS) AN/PYQ-3

Current System: CHATS - an information management system designed to support Army counterintelligence and human intelligence collection and reporting teams operating in the field at the Battalion to Corps levels.

- Accredited for SECRET level operation
- Uses commercial S/W applications for common tasks and Government developed S/W for operations/collection tasks
- Provides the soldier with the capability to collect, process, and disseminate information obtained through investigations, operations, collections, interrogations, debriefings, and document exploitation.
- The CHATS system also provides a robust analytical/visualization capability. It provides the capability to create and disseminate: link charts, association matrices, time event charts, telephone toll charts, and map overlays.

CHARCS: CHARCS will provide Counterintelligence (CI) agents and Human Intelligence (HUMINT) team members
enhanced collection and reporting capabilities in the following task and mission areas:

- - Collection reporting and communication
- - Biometrics for registration and force protection
- - Intelligence source management
- - Intelligence collection management
- - Team and mission management
- - Computer and data forensics
- - Document exploitation

Questions?

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